

## WHAT IS CLAIMED IS:

1. An electrical device comprising:  
a conductor in which a plurality of plate  
portions are connected to each other at portions  
5 thereof; and  
at least two coils on which said conductor is  
wound.
2. The device according to claim 1, wherein a  
connecting portion of said plate portions is utilized  
10 as a tap of said coils.
3. The device according to claim 1, wherein a  
connecting portion of said plate portions is utilized  
as a center tap of a transformer.
4. The device according to claim 1, wherein said  
15 plate portions to be connected to each other are  
arranged point-symmetrically about a connecting portion  
thereof.
5. The device according to claim 1, wherein each of  
said plate portions has a laminated structure of a  
20 conductor and insulator.
6. The device according to claim 1, wherein each of  
said plate portions has at least one electrode at a  
position thereof corresponding to an end of a  
corresponding one of said coils.
- 25 7. The device according to claim 1, wherein each of  
said plate portions has at least one electrode at a  
position thereof corresponding to a vicinity of a

center of said coils.

8. The device according to claim 1, wherein each of said plate portions has at least one electrode at a position thereof corresponding to an end of a  
5 corresponding one of said coils and a vicinity of a center of said coils.

9. A method of producing an electrical device, said method comprising steps of:

forming a conductor in which a plurality of plate  
10 portions are connected to each other at portions thereof; and

forming at least two coils by winding the conductor.